

## Technical Data Sheet

### *Schulamid* 6GF30-01 NATURAL



Polyamide 6

#### Product Description

Nylon 6 30% Glass Fiber

**Processing Method** Injection Molding

**Filler/Reinforcement** Glass Fiber, 31%

| Typical Properties                                      | Nominal Value | Units             | Test Method |
|---------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                         |               |                   |             |
| Density                                                 | 1.37          | g/cm <sup>3</sup> | ISO 1183    |
| <b>Mechanical</b>                                       |               |                   |             |
| Tensile Stress at Yield, (5 mm/min)                     | 180           | MPa               | ISO 527-2   |
| Flexural Modulus, (2.0 mm/min)                          | 9000          | MPa               | ISO 178     |
| <b>Impact</b>                                           |               |                   |             |
| Notched Izod Impact Strength                            | 9             | kJ/m <sup>2</sup> | ISO 180     |
| <b>Thermal</b>                                          |               |                   |             |
| Deflection Temperature Under Load Unannealed (1.80 MPa) | 200           | °C                | ISO 75-2/A  |
| <b>Additional Information</b>                           |               |                   |             |
| Filler Content                                          | 31            | %                 | ASTM D5630  |